

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040122\
 Data File : VX027900.D
 Acq On : 01 Apr 2022 23:20
 Operator : JC/MD
 Sample : VX0401WBS02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0401WBS02

Quant Time: Apr 02 05:13:28 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032922W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 30 04:39:27 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/02/2022
 Supervised By : Mahesh Dadoda 04/02/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.556	168	64003	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	108499	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	100553	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	47204	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	46338	56.112	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 112.220%			
35) Dibromofluoromethane	5.391	113	34196	48.828	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 97.660%			
50) Toluene-d8	8.653	98	113693	46.140	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 92.280%			
62) 4-Bromofluorobenzene	11.079	95	48750	46.555	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 93.120%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.167	85	10484	18.077	ug/l	95
3) Chloromethane	1.288	50	8539	16.662	ug/l	100
4) Vinyl Chloride	1.374	62	9442	17.964	ug/l	95
5) Bromomethane	1.605	94	6060	25.570	ug/l	94
6) Chloroethane	1.685	64	5876	16.585	ug/l	93
7) Trichlorofluoromethane	1.886	101	17184	18.637	ug/l	93
8) Diethyl Ether	2.136	74	6460	19.519	ug/l	82
9) 1,1,2-Trichlorotrifluo...	2.325	101	11084	18.495	ug/l	97
10) Methyl Iodide	2.453	142	11999	17.241	ug/l	93
11) Tert butyl alcohol	2.959	59	15857	99.963	ug/l	99
12) 1,1-Dichloroethene	2.319	96	9635	17.522	ug/l	97
13) Acrolein	2.233	56	12255	103.150	ug/l	94
14) Allyl chloride	2.666	41	17820	17.652	ug/l	# 90
15) Acrylonitrile	3.063	53	35960	96.544	ug/l	100
16) Acetone	2.380	43	34039	93.136	ug/l	92
17) Carbon Disulfide	2.514	76	15528	13.805	ug/l	99
18) Methyl Acetate	2.703	43	17639	19.578	ug/l	92
19) Methyl tert-butyl Ether	3.111	73	35305	16.852	ug/l	98
20) Methylene Chloride	2.788	84	12420	18.893	ug/l	92
21) trans-1,2-Dichloroethene	3.093	96	9420	15.783	ug/l	100
22) Diisopropyl ether	3.764	45	38326	18.943	ug/l	90
23) Vinyl Acetate	3.721	43	162482	92.953	ug/l	# 93
24) 1,1-Dichloroethane	3.611	63	20852	18.320	ug/l	98
25) 2-Butanone	4.556	43	58906	110.768	ug/l	91
26) 2,2-Dichloropropane	4.477	77	15363	16.899	ug/l	97
27) cis-1,2-Dichloroethene	4.489	96	13152	18.275	ug/l	91
28) Bromochloromethane	4.904	49	10495	21.437	ug/l	85
29) Tetrahydrofuran	5.007	42	37527	109.856	ug/l	# 84
30) Chloroform	5.099	83	24535	19.391	ug/l	97
31) Cyclohexane	5.471	56	15835	17.346	ug/l	91
32) 1,1,1-Trichloroethane	5.391	97	20980	19.168	ug/l	96
36) 1,1-Dichloropropene	5.690	75	15373	17.428	ug/l	97
37) Ethyl Acetate	4.715	43	21337	19.513	ug/l	94
38) Carbon Tetrachloride	5.678	117	17484	17.941	ug/l	98
39) Methylcyclohexane	7.385	83	15265	14.706	ug/l	87
40) Benzene	6.038	78	46116	17.252	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	11595	19.935	ug/l	87
42) 1,2-Dichloroethane	6.086	62	21276	19.919	ug/l	93
43) Isopropyl Acetate	6.342	43	32869	18.766	ug/l #	91
44) Trichloroethene	7.129	130	12412	17.086	ug/l	90
45) 1,2-Dichloropropane	7.434	63	12748	17.752	ug/l	99
46) Dibromomethane	7.586	93	9144	16.919	ug/l	90
47) Bromodichloromethane	7.824	83	18902	17.560	ug/l	97
48) Methyl methacrylate	7.696	41	15966	17.382	ug/l #	82
49) 1,4-Dioxane	7.665	88	6543	360.850	ug/l #	90
51) 4-Methyl-2-Pentanone	8.574	43	116997	96.293	ug/l	88
52) Toluene	8.720	92	28994	17.220	ug/l	98
53) t-1,3-Dichloropropene	8.982	75	16656	15.440	ug/l	99
54) cis-1,3-Dichloropropene	8.373	75	19461	17.131	ug/l #	86
55) 1,1,2-Trichloroethane	9.153	97	13742	18.401	ug/l	97
56) Ethyl methacrylate	9.122	69	21046	17.794	ug/l #	77
57) 1,3-Dichloropropane	9.311	76	22214	17.676	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.245	63	53856	91.203	ug/l	95
59) 2-Hexanone	9.433	43	90746	96.999	ug/l	83
60) Dibromochloromethane	9.525	129	12962	16.739	ug/l	96
61) 1,2-Dibromoethane	9.610	107	13833	17.727	ug/l	97
64) Tetrachloroethene	9.275	164	11942	17.516	ug/l	94
65) Chlorobenzene	10.080	112	33930	17.135	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	12608	16.968	ug/l	98
67) Ethyl Benzene	10.195	91	59762	16.632	ug/l	98
68) m/p-Xylenes	10.305	106	44750	33.861	ug/l	93
69) o-Xylene	10.647	106	22700	17.586	ug/l	96
70) Styrene	10.659	104	38170	17.397	ug/l	96
71) Bromoform	10.799	173	9315	17.260	ug/l #	100
73) Isopropylbenzene	10.964	105	60499	17.213	ug/l	99
74) N-amyl acetate	10.842	43	24143	15.250	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	11.213	83	22149	18.559	ug/l	100
76) 1,2,3-Trichloropropane	11.244	75	20890m	18.865	ug/l	
77) Bromobenzene	11.201	156	14341	17.897	ug/l	91
78) n-propylbenzene	11.305	91	70123	16.700	ug/l	99
79) 2-Chlorotoluene	11.366	91	44238	16.765	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	52351	17.166	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	5013	16.155	ug/l #	78
82) 4-Chlorotoluene	11.457	91	50002	16.513	ug/l	98
83) tert-Butylbenzene	11.719	119	50091	16.986	ug/l	87
84) 1,2,4-Trimethylbenzene	11.756	105	53165	17.484	ug/l	96
85) sec-Butylbenzene	11.890	105	63581	17.471	ug/l	98
86) p-Isopropyltoluene	12.012	119	51845	17.127	ug/l	94
87) 1,3-Dichlorobenzene	11.969	146	27591	17.492	ug/l	97
88) 1,4-Dichlorobenzene	12.043	146	27401	16.863	ug/l	95
89) n-Butylbenzene	12.335	91	45029	16.543	ug/l	95
90) Hexachloroethane	12.543	117	7588	15.609	ug/l	89
91) 1,2-Dichlorobenzene	12.335	146	27394	17.582	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	12.945	75	5225	18.186	ug/l	74
93) 1,2,4-Trichlorobenzene	13.591	180	16009	16.802	ug/l	95
94) Hexachlorobutadiene	13.725	225	7236	17.721	ug/l	96
95) Naphthalene	13.780	128	59076	17.758	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	16541	17.721	ug/l	93

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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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